

## **A Computerised Medical Record System for Family Medicine / General Practice**

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This presentation is to demonstrate the KITE Computerised Medical Record System (CMRS) which has been designed and written within a family medicine/general practice environment by both a family physician and a computer programmer. This computer system uses the Unix (trademark of Unix System Laboratories Inc.) operating system, and is written in the PRONTO (trademark of Prometheus Software Developments Pty Ltd) fourth generation language (4GL) and "C". The KITE CMRS comprises a text editor written specifically for the system integrated with 4GL database management. The KITE CMRS is a fully integrated practice management, electronic medical record and clinical research computer program. The presentation will follow the process of a patient arranging an appointment, presenting for registration at the practice, consulting with the doctor and having the clinical notes entered into the computerised medical record. Information collected at reception for patient registration, by the doctor

in both the patient health summary and patient's notes will be used to construct a personalised patient screening checklist for preventive care management. The presentation will demonstrate this. The process will continue with the generation of an account. The variation in types of accounts that can be generated for a particular patient will be demonstrated. The KITE CMRS uses the International Classification of Primary Care (ICPC) as its medical language coding system. Clinical notes are coded both actively by the doctor or as a background task of the computer. During the demonstration the presenter will demonstrate where automatic coding of information occurs and where the doctor is able to allocate selected code to text. Coding patient information enables collection of population information. This can be collated and presented in report forms. A great variety of reports can be generated using a Structured Query Language (SQL) facility which is available with the system.